



## Postdoctoral Positions in Mammalian Functional Genomics

(Biologist or Computational Biologist)

The Mammalian Functional Genomics Group at Lawrence Berkeley National Laboratory, CA, is looking for highly motivated individuals for two positions: A **Postdoctoral Researcher (Biology)** and a **Postdoctoral Researcher (Computational Biology)** in mammalian functional genomics.

These positions will be under the joint mentorship of **Axel Visel**, **Len Pennacchio**, and **Diane Dickel**. Research in our laboratory focuses on the use of genomic, epigenomic, and computational methods in conjunction with experimental studies in the mouse model to study the role of transcriptional enhancers and other functional non-coding sequences in general biological processes, as well as in human disease. The focus of these positions will be the development and application of experimental and computational approaches for gaining insights into the role of non-coding DNA in development, disease, and evolution. Successful candidates will also have access to extensive experimental resources, including support for the generation of transgenic and knock-out/-in mouse models.

For selected publications from our lab and more background about our work, see *Nature* 583:744; *Cell* 180:1262; *Nature* 571:107; *Nature* 554:239; *Cell* 172:491; *Cell* 167:633; *Cell* 167:633; *Cell* 155:1521; *Cell* 152:895; *Science* 342:1241006; *Nature* 464:409; *Nature* 461:199; *Nature* 457:854; *Nature* 444:499

### Job Duties

- Under the Principal Investigators' mentorship, develop and implement cutting-edge experimental and/or computational strategies for the functional analysis of non-coding sequences in the human genome.
- Analyze and summarize large genomic datasets and present findings at internal lab meetings and scientific conferences.
- With mentors, prepare manuscripts for publication in major peer-reviewed journals.
- Collaborate with other postdoctoral fellows and technical research staff in a team-based research environment.

### Qualifications

- Recent Ph.D. and research experience in biology, developmental biology, computational biology, bioinformatics, genetics/genomics, or a relevant related field.
- Proven experience with relevant experimental approaches and/or computational analysis of genomic data.
- Strong interest in genomic and functional genomic questions and in the use of computational strategies to derive biological insights from sequence data.
- Demonstrated scientific productivity through publications in peer-reviewed journals.

For details and to submit applications:

Experimental focus: [lbl.referrals.selectminds.com/jobs/genomics-postdoctoral-fellow-experimental-3557](http://lbl.referrals.selectminds.com/jobs/genomics-postdoctoral-fellow-experimental-3557)

Computational focus: [lbl.referrals.selectminds.com/jobs/genomics-postdoctoral-fellow-computational-3560](http://lbl.referrals.selectminds.com/jobs/genomics-postdoctoral-fellow-computational-3560)

Informal inquiries should be directed to Axel Visel, [AVisel@lbl.gov](mailto:AVisel@lbl.gov)

See [dna.lbl.gov](http://dna.lbl.gov) for additional information about the lab.